windboxes, with air flow control by louvered dampers, is inherently unstable. This modeling will identify regions where turning vanes and baffles will be needed to optimize flow to the burners, while minimizing pressure drop.

2.4 Testing

IPSC will contract the following testing and analytical services that will be witnessed by ABT's service personnel:

- Pre-retrofit testing will be conducted within three weeks following contract award to verify the primary air flow to the inlet of all of the mills. These tests will be conducted with one mill out of service and three mill loads: maximum, 70% and 40%. Maximum mill load corresponds to boiler full load with one mill out of service.

  Isokinetic coal samples will be taken to evaluate the coal pipe balance. Those mills that have balance worse than ±10% from the mean will need to be balanced.

- A short boiler Baseline Test program will be performed in order to develop baseline data. Emissions and boiler performance data will be taken over the control range of the boiler with all mills in service.

- Emissions testing will be conducted immediately following start-up of the new combustion system. If not currently installed, during the outage the plant should install taps in the flue, upstream of the air heater. Probes will be placed in each tap for a complete grid. NO_x, O_2, and CO will be sampled during the start-up and burner optimization period after the outage. Unburned carbon will be sampled in the same manner as done for the baseline. Start-up, optimization and operational testing are expected to take no more than four weeks.

2.5 ABT Support Personnel

Lead ABT personnel, having > 20 years experience, that would support the Intermountain project are:

Name	Location	Phone No.
George Schiazza-Lead Service Engineer	Jacksonville, FL	904-272-8923
Tarkel Larson-Service & Sales Manager	Chattanooga, TN	423-899-8918
Sal Ferrara-Proposal & Project Manager	Bedminster, NJ	908-470-0721
Chuck Onaitis-Engineering Manager	Bedminster, NJ	908-470-0722